

 **VER-THE-TOPTM**
DOOR EQUIPMENT
FRANTZ MANUFACTURING COMPANY
STERLING, ILLINOIS, U. S. A.

FOR RESIDENTIAL AND



COMMERCIAL OVERHEAD DOORS

"OVER-THE-TOP"
(TRADE MARK REG. U.S. PAT. OFF.)

DOOR EQUIPMENT

UNEQUALED FOR ITS SIMPLICITY



Merely release the lock and the "Over-the-Top" equipped door opens smoothly, quickly, quietly.



With "Over-the-Top" Door Equipment, closing the balanced door is a simple, almost effortless action.

Quiet, Effortless, Operation

As quickly as you can say "Over-the-Top Equipment," the one-piece garage door is raised up and out of the way. No more temper-trying bouts with stubborn doors. Operation is so nearly automatic that it is only necessary to release the lock, and the door immediately moves upward, coming to rest in a horizontal position entirely within the building. The photographs above show the operator opening the door from the left side, but the lock may be installed at the center or on the opposite side, whichever is best for each particular installation.

Applicable to Special or "Ready-Made" Doors

You no longer need worry about spoiling the architectural beauty of a new home with "run of the mill" garage doors. "Over-the-Top" Door Equipment is easily applicable to architecturally designed one-piece doors. It also can be used on standard two and three-section mill doors, or to convert sliding or swinging doors now in use, into a modern overhead door.

Patent Numbers 1,926,671, 1,940,408, 1,931,651, 2,010,658, 2,175,688, 2,183,015, 1,879,798

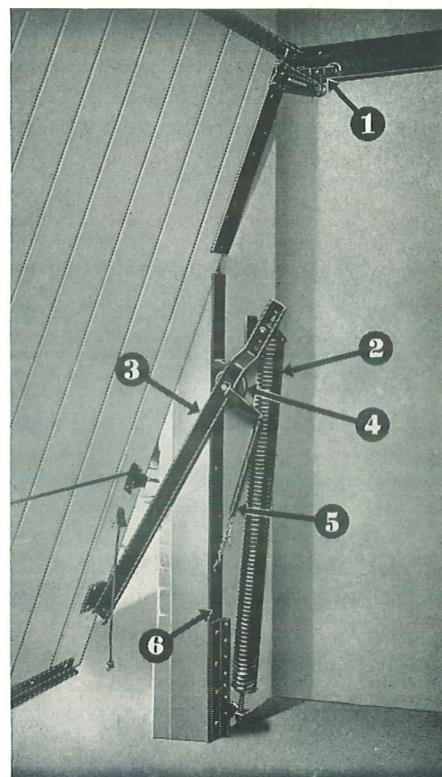
ADAPTABILITY - POPULAR PRICE

Simplicity Brings Neatness

Note the absence of tracks on side jambs . . . the freedom from weights, pulleys, chains or other unsightly counter-parts . . . the trimness of operating unit. Ceiling height never is a problem with this unique operator since but $2\frac{1}{4}$ " space above top of opening is needed for doors 8' and less in height. Doors 12' in height require only 6".

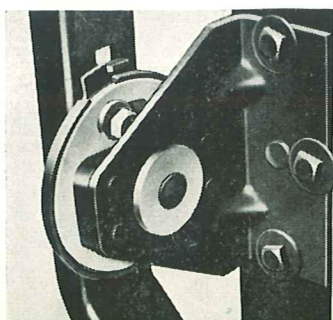
Made to Give Lasting Satisfaction

(1) Hangers are designed so they cannot derail. They have steel roller bearings for easy operation . . . fibre wheels for quietness. (2) Heat treated and oil tempered power springs are made over-size to provide reserve "lift." (3) Channel iron arms transmit springs' lifting power through a smooth arc. (4) Patented "Automatic Brake" stops door at full open position . . . prevents slamming in closing. (5) Patented "Automatic Opener" starts door upward the instant the lock is released. (6) Steel weather-strip keeps storm out . . . speeds up installation by locating holes for bolts and lag screws.

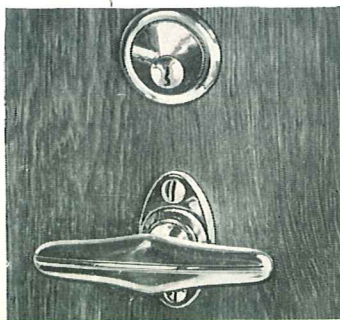


Pioneered

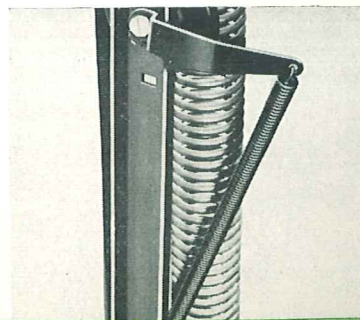
Fifteen years ago "Over-the-Top" Door Equipment was introduced to bring the convenience of over-head garage doors within the reach of millions of home owners. Architects and builders everywhere were quick to recognize its easy applicability to all types of garage doors and helped greatly to build its wide popularity. Extreme simplicity made it possible to produce this equipment for only a few dollars more than the cost of inefficient door hardware.



Close-up of patented "Automatic Brake" which acts when door reaches full open or closed position to prevent slamming, banging.



Automobile-type handle with cylinder lock which operates catches on both side jambs. Makes forced entrance to garage impossible.



Close-up of patented "Automatic Opener." When lock is released, small spring starts door outward, upward. Power springs do the rest.

"OVER-THE-TOP"
(TRADE MARK REG. U.S. PAT. OFF.)

DOOR EQUIPMENT

AVAILABLE IN A WIDE RANGE OF S

One-Car Residential Openings

"Over-the-Top" Door Equipment is available for single-car openings. Doors from 7' to 8' wide and from 6'6" to 8' high. See page 11 for general specifications.

Two-Car Residential Openings

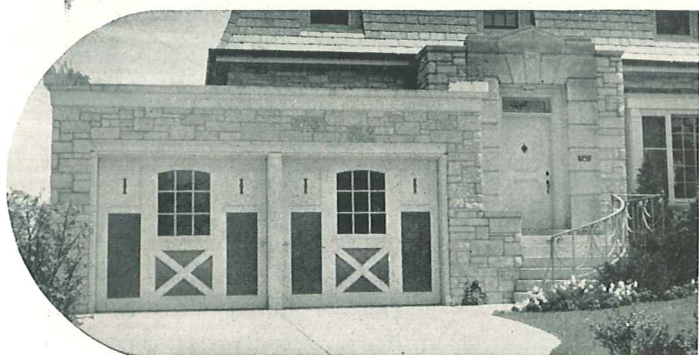
"Over-the-Top" Door Equipment is made to fit doors up to 18' wide, and from 6'8" to 8' high. See page 11 for general specifications.



Two-section doors are joined to operate as one door opening 8' x 8'.



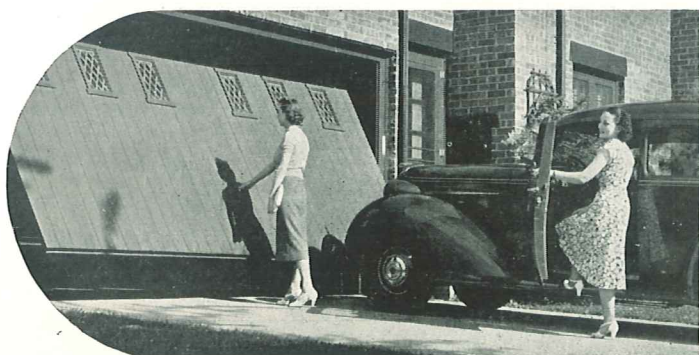
Application to mill-made doors for opening 8' wide by 7'6" high.



Specially designed doors enhance the beauty of a French colonial residence.



Apartment garages with 8' x 7' openings have one-piece 12-panel doors.



16' x 7' door of two-car garage is operated as easily as smaller size.



Architect designs two-car cottage door to harmonize with side elevation.

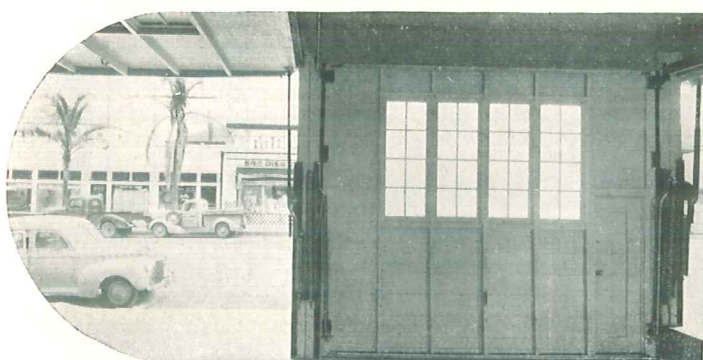
SIZES TO FIT VARIED REQUIREMENTS

For Heavy Doors

This hardware has been developed to operate doors measuring from 7' to 18' wide and from 6'6" to 10' high. See page 11 for general specifications of equipment for these doors.

For Extra Heavy Doors

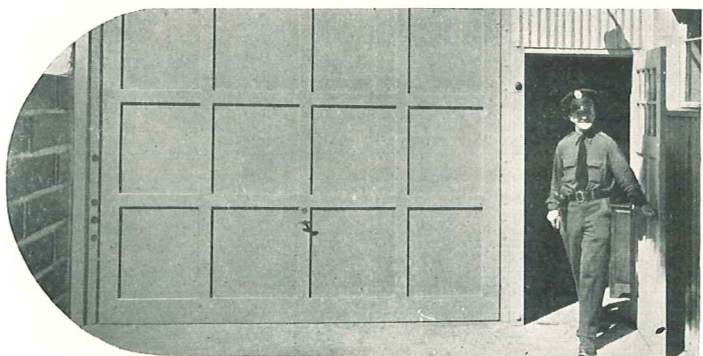
Specially designed hardware is made to operate doors of heavy construction that range from 9' to 18' wide and from 9' to 12' high. See page 11 for general specifications.



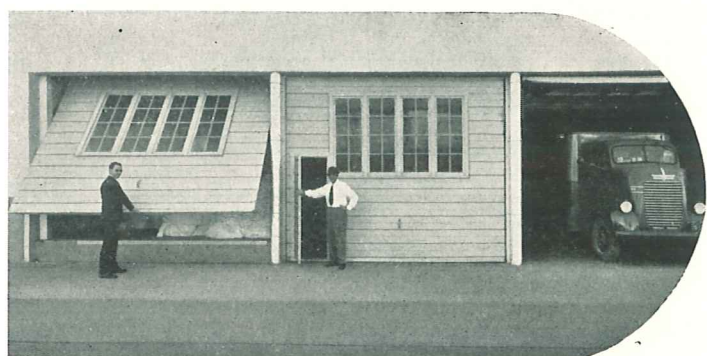
Carpenter-built doors on truck garage, (14' wide by 12' high) are handled with ease.



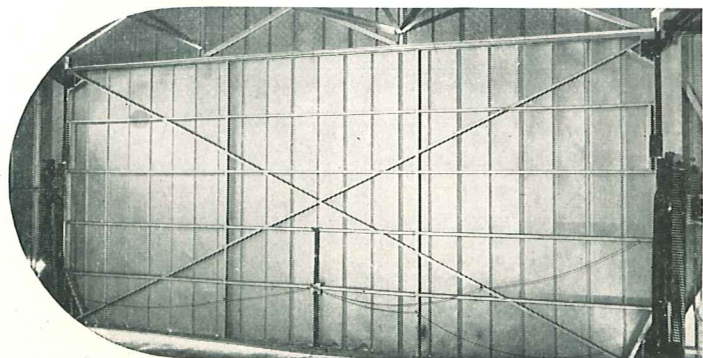
Three school bus garage doors on the left measure 15' by 10'. The others, 10' by 10'.



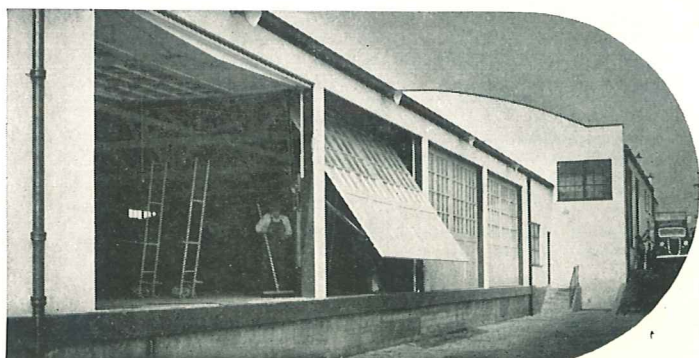
Mill constructed loading dock door, 12' wide by 9'6" high. Neat . . . saves time.



Passage doors can be cut into "Over-the-Top" installations . . . a desirable feature.



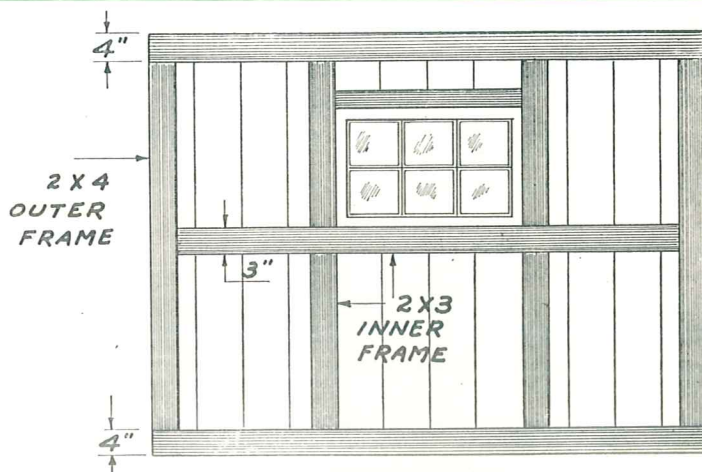
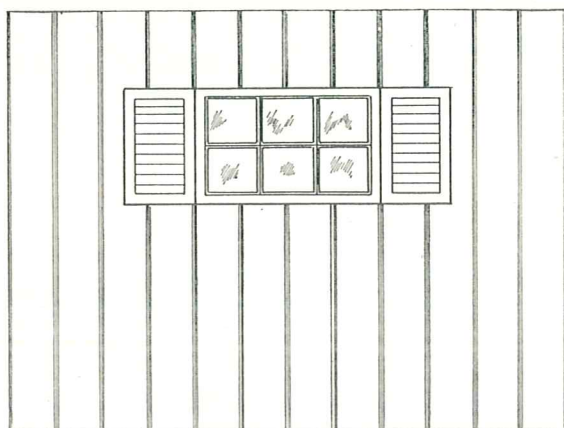
Steel door, 18' wide and 10' high, handles as easily as a residential door.



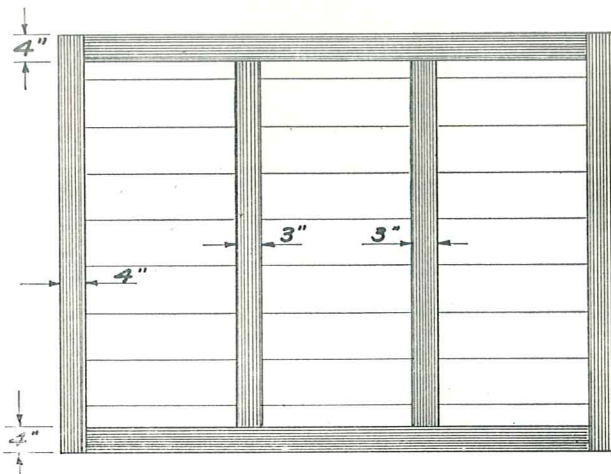
Fruit warehouse uses multiple installations of doors that measure 18' wide by 12' high.

SUGGESTED TYPES OF RESIDENTIAL GARAGE DOORS

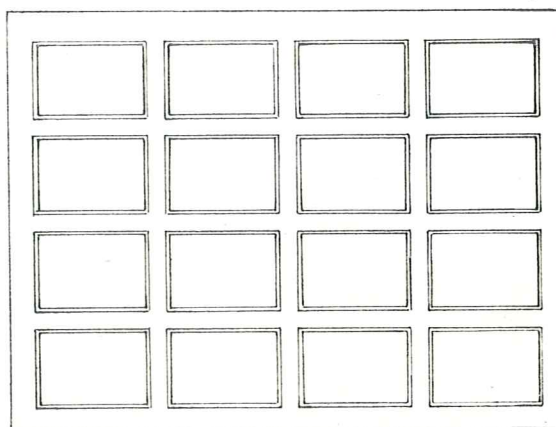
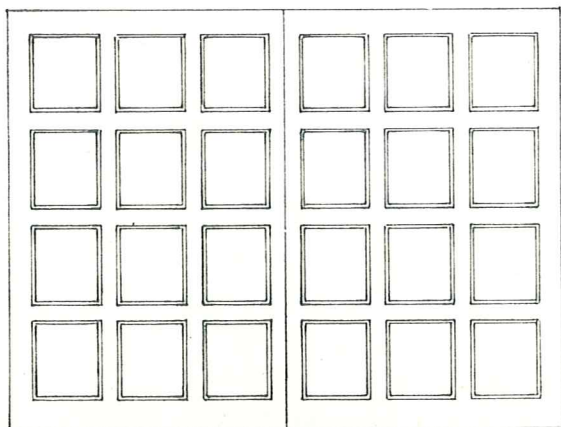
The adaptability of "Over-the-Top" Door Equipment to any type of door has encouraged architects and builders to get away from the common designs and to create styles to harmonize with the building. Here are shown the methods of making two popular modern types, and below are illustrated two and one-section mill-built doors, now meeting with wide favor.



Left—Outside view of door made of vertical facing, tongue and groove V-joint siding. Can be built with or without sash and shutters as desired. Other types of siding may also be used. Right—Inside view.



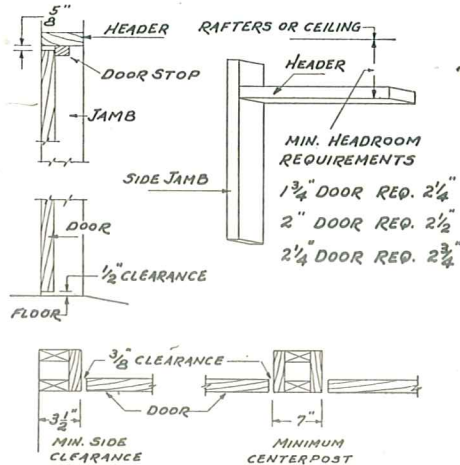
Outside and inside view of built-up door, using horizontal V-joint siding. The door weight should, if possible, be kept to a minimum.



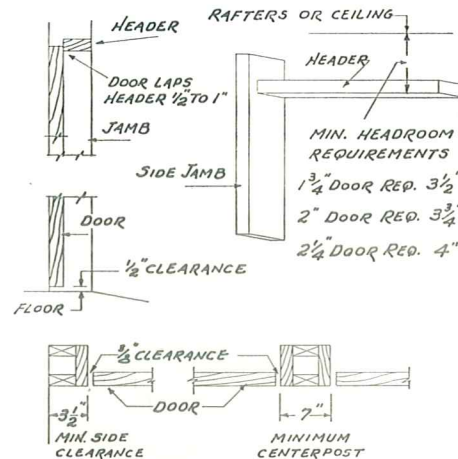
Mill-made panel doors, in one or more sections, can be obtained in several designs. It is highly desirable to select a design that will harmonize with, and enhance the beauty of the garage or home on which the installation is made.

The methods of installation shown below are the result of over 15 years' experience, and are submitted here for the benefit of architects, contractors, etc., who desire this information.

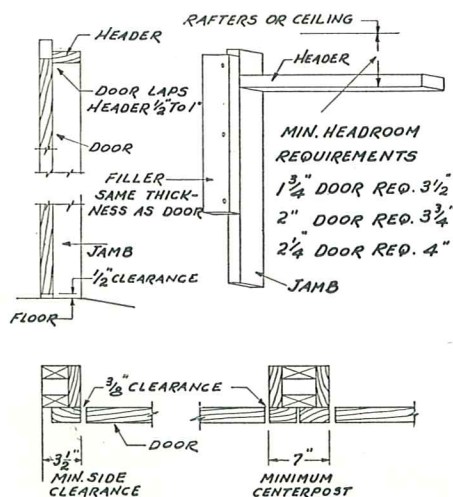
RESIDENTIAL INSTALLATION JAMB - HEADER - CLEARANCE DETAILS (For doors up to 8' high.)



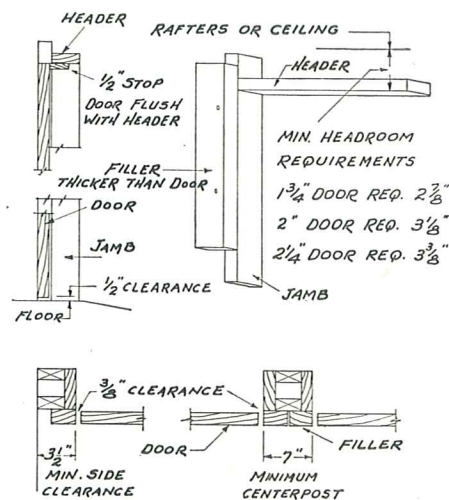
**UNDER THE HEADER
METHOD
OF INSTALLATION**



**DOOR LAPPING
HEADER METHOD
OF INSTALLATION**



**INSTALLATION
USING FILLERS SAME
THICKNESS AS DOOR**



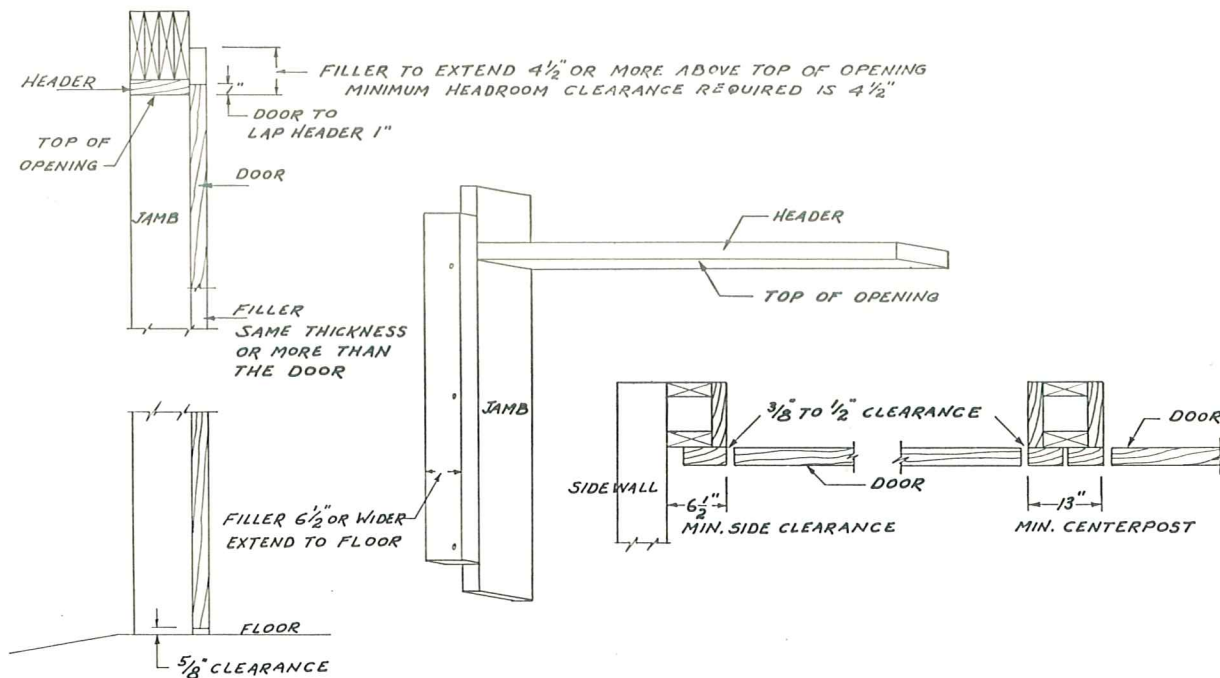
**INSTALLATION
USING FILLER
THICKER THAN DOOR**

COMMERCIAL INSTALLATION JAMB - HEADER - CLEARANCE DETAILS For "Over-the-Top" Door Equipment Series 716, 718 and 912.

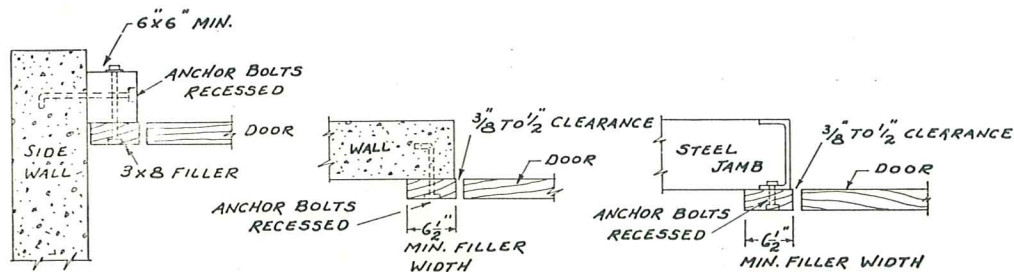
For most satisfactory results, it is highly important that installation be made according to one of the methods detailed below. When properly installed, the heaviest door operates quietly and easily.

INSTALLATION PLANS

TYPICAL WOOD JAMBS, WITH SUGGESTIONS FOR ATTACHING FILLERS.



CONCRETE, MASONRY AND STEEL JAMBS.



3" x 8" FILLERS ARE RECOMMENDED AND SHOULD BE USED IF POSSIBLE.

"Over-the-Top" Door Equipment is so flexible that it can be applied to large heavy doors varying from 8' to 18' wide and from 8' to 12' high. See page 11 for general specifications.

SUGGESTED CONSTRUCTION FOR LARGE DOORS

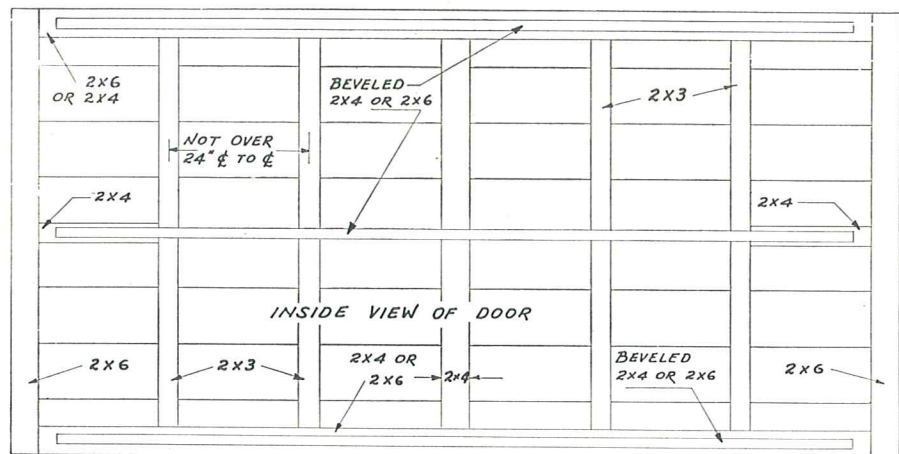
(8' to 18' wide and 8' to 12' high.)



At the left is shown an attractive door built up of horizontal, tongue and groove V-joint siding.

Below are details of construction of this door.

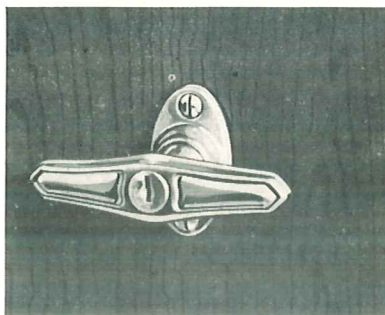
Since the majority of doors for large openings are built right on the job, it is well to bear in mind the total weight. In other words, the lightest possible construction consistent with needed strength should be employed. The door pictured here is designed to fulfill these requirements. Of course, other types of siding may be substituted, and the design might be embellished with the addition of a window, or windows, to harmonize with the balance of the building.



Two steel strap Trusses suitable for wide doors, are regularly included with hardware in all sets in the Heavy and Extra Heavy Series. Trusses are also included in the Medium Series for doors over 8' in width.

On doors 9' or more high, use 3 truss straps—across top, center and bottom.

LOCKS AND TRUSS STRAPS



Above:—Illustrating No. 1100 Lock, with self-contained cylinder.

Left: — Illustrating Locks No. 1008, 1016 and 1018, with separate 5-pin cylinder.

At the far left is shown the chromium finished automobile type handle and five pin standard cylinder lock, furnished in the following sets:

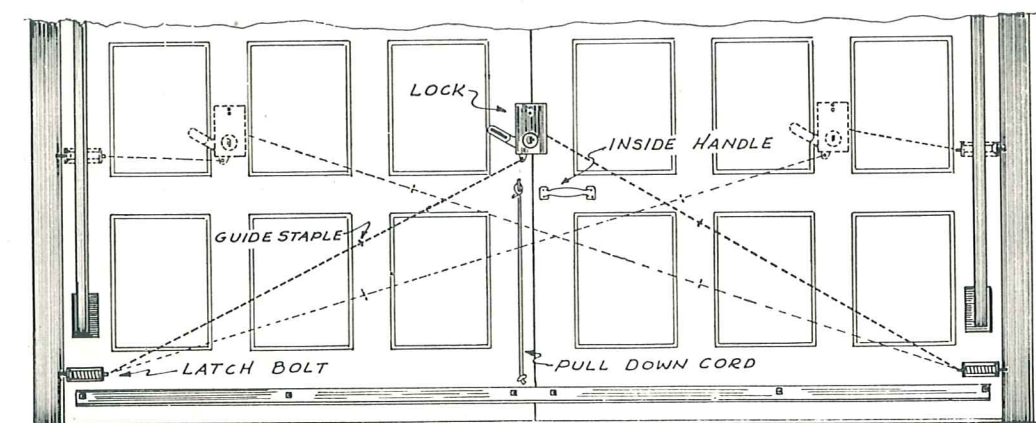
No. 1008 Lock with cylinder, and two keys for doors up to 8' wide, packed with Sets No. 74, 178, 75, 78 and 781.

No. 1016 Lock with cylinder, and two keys for doors 8' to 16' wide, packed with Sets No. 93, 94, 782 and 783

No. 1018 Lock with cylinder and two keys for doors 8' to 18' wide, packed with Sets No. 716, 718 and 912.

No. 1100 Lock and two keys for doors up to 8' wide, packed with Set No. 80 Junior.

INTERIOR VIEW OF LOCK APPLICATION



Two Angle Irons $1\frac{1}{2}'' \times 1\frac{1}{2}'' \times \frac{1}{8}'' \times 7'7''$ long are included with each set for use on doors up to and including 8' in width. For doors over 8' in width, Truss Straps are furnished.

GENERAL SPECIFICATIONS

MAIN BEARINGS: Heavy steel bracket with cast center and steel roller bearings is standard equipment. Bearings packed in grease and are securely riveted to give a lifetime of service.

HANGERS: Easy running, flexible type; fibre wheels are used for quietness. Hangers equipped with a device to prevent possibility of any derailment. Full roller bearings.

WEATHER STRIPS AND STOPS: Heavy 12 gauge steel is used with locating lugs, making the installation simple and effective.

CHANNEL ARMS: Steel channel of ample size and strength arranged to carry the door and spring tension in a simple and effective manner. Provided with spring leverage adjustment for various door weights. Spring attached to arm with roller bearing stud which is provided with safety washer to prevent spring from becoming accidentally detached.

HEADROOM: 2¼ inches to 6 inches.

SIDEROOM: 3½ inches to 6½ inches.

TRACK: Wrought steel of ample size and strength.

Correct design for ease of installation. Front bracket for track is self-locating. Rear bracket is of simple design, yet makes a substantial and rigid support.

AUTOMATIC OPENERS: A starting device (patented) consisting of a small lever and a pair of oil-tempered springs operating only during the initial movement of the door, or just as it is being opened. All that is required to open the door is to turn the latch handle to the open position and the door automatically goes up, overhead and out of the way.

LOCK: Fastens and latches on both sides of the door at the same time. All sets furnished with bronze cylinder locks with two keys excepting No. 80 Jr., which has automobile type lock in handle. Outside handles of all sets Chromium plated. For details see page 10.

SPRINGS: Over-size springs, heat-treated and oil-tempered provide the necessary power. Every spring tested before leaving factory. Steel clips Zinc plated on each end of spring. Adjusting bolt is on lower end.

PACKING: All sets packed complete in a box except Angles and Track, which are bundled separately. Instruction booklet included in each box.

Furnished in Japan finish, except Spring Clips, Spring Studs, and all Latch-Lock parts which are Zinc plated to prevent rust.

NOTE: Doors are not furnished with hardware sets listed below.

Type of Hdwe.	Stock No.	Width	Height	Weight of Door Pounds	Angle or Truss Straps	Weight Per Set Pounds
Light Weight Series	80 Jr.	7' to 8'	6'6" to 7'0"	100 to 150	Angle	91
	74	7' to 8'	6'6" to 7'3"	100 to 150	Angle	131
	178	7' to 8'	6'8" to 7'3"	150 to 250	Angle	140
	75	7' to 8'	7'4" to 8'0"	100 to 150	Angle	133
	78	7' to 8'	7'4" to 8'0"	150 to 250	Angle	142
Medium Weight Series	781	7' to 8'	7'4" to 8'0"	200 to 300	Angle	148
	93	8' to 14'	6'8" to 7'3"	150 to 250	Truss	136
	94	8' to 14'	7'4" to 8'0"	150 to 250	Truss	138
	782	8' to 16'	6'8" to 7'3"	200 to 300	Truss	142
	783	8' to 16'	7'4" to 8'0"	200 to 300	Truss	144
Heavy Series	716	8' to 10'	9'1" to 10'0"	200 to 250	Truss	247
	716	8' to 13'	8'1" to 9'0"	200 to 275	Truss	244
	716	8' to 16'	6'6" to 8'0"	200 to 300	Truss	241
	718	8' to 14'	9'1" to 10'0"	180 to 375	Truss	275
	718	8' to 16'	8'1" to 9'0"	210 to 425	Truss	272
Extra Heavy Series	718	8' to 18'	6'6" to 8'0"	240 to 475	Truss	269
	912	9' to 14'	11'1" to 12'0"	300 to 600	Truss	402
	912	9' to 16'	10'1" to 11'0"	335 to 650	Truss	399
	912	9' to 18'	9'0" to 10'0"	375 to 720	Truss	396

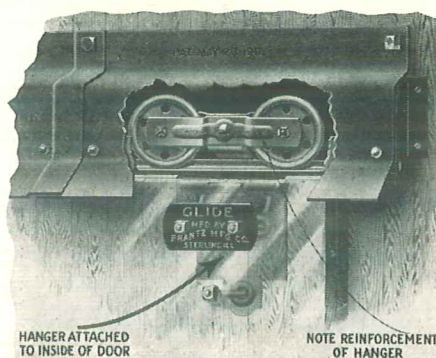
IMPORTANT

When ordering "Over-the-Top" Sets, be sure to specify the actual WIDTH, and HEIGHT of opening, also WEIGHT of the door.



HARDWARE FOR SLIDING DOORS

FRANTZ
Guaranteed BUILDWARE



"GLIDE" HANGERS AND TRACK

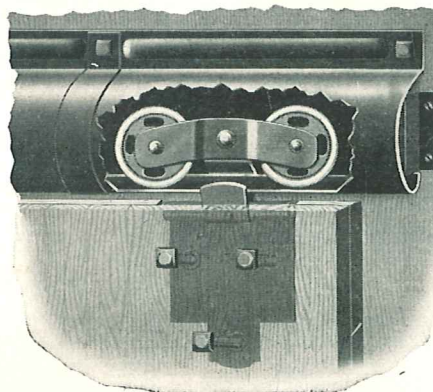
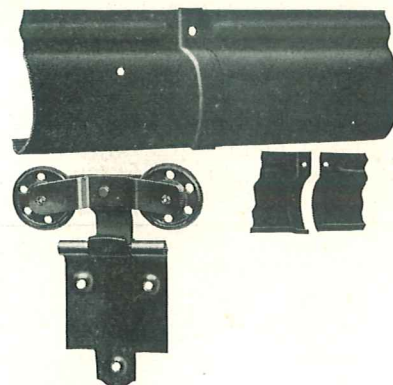
"Glide" is the original covered Track. Actually, it is a Track and water-proof, bird-proof cover in **one piece**. Will support doors weighing up to 1,000 pounds. Has patented telescoping joint . . . no brackets are required.

"Glide" Hangers are made in two styles . . . flexible, as illustrated, and adjustable. Both have large wheels with roller-bearings for easy operation.

"RUNWEL" HANGERS AND TRACK

"Runwel" is a simple but sturdy one-piece Track. Is intended to carry doors weighing up to 500 pounds. Does not require joint or support brackets. One piece telescopes into the next to form a continuous, water-proof Track. Moderately priced.

"Runwel" Hangers are available in two types . . . flexible, as illustrated, and adjustable. Both have steel roller bearing wheels. Cannot derail.



"ROLLAWAY" HANGERS AND TRACK

"Rollaway" is similar in appearance and construction to "Runwel" Track, but lighter. Designed for doors weighing up to 250 pounds. A most effective but inexpensive Track. Hanger has flexible, swing-out joint and cannot be derailed. Wheels of all Hangers are roller bearing and packed in grease.

FRANTZ MANUFACTURING COMPANY - **STERLING, ILLINOIS, U. S. A.**